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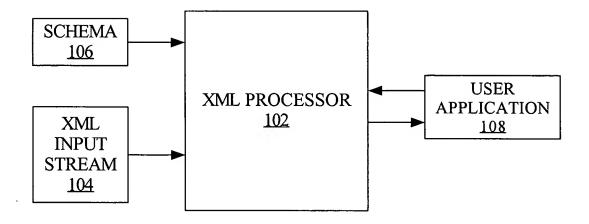
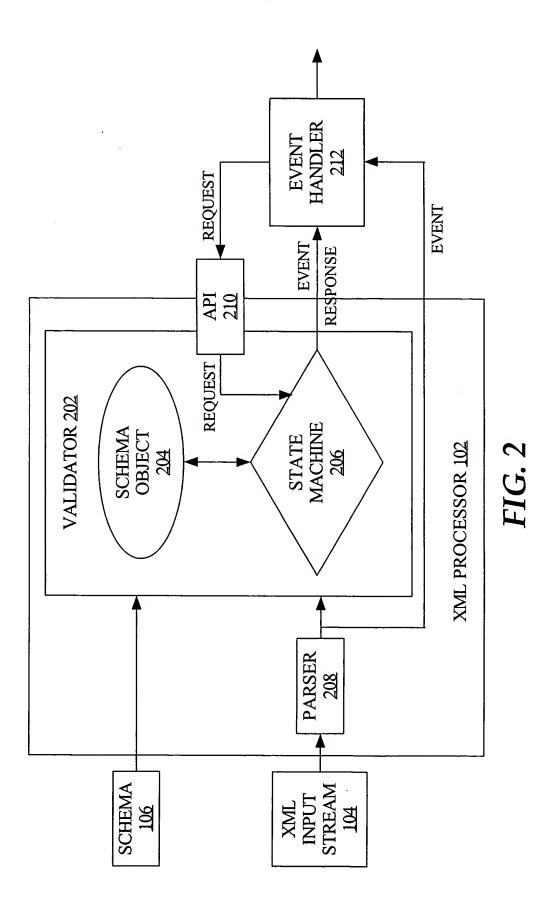


FIG. 1

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WHILE PERFORMING A VALIDATION OPERATION ON AN XML-BASED INPUT STREAM, RECEIVING A REQUEST FOR INFORMATION ABOUT THE STATE OF THE VALIDATION OPERATION

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WHILE PERFORMING THE VALIDATION OPERATION, RESPONDING TO THE REQUEST BY PROVIDING THE INFORMATION ABOUT THE STATE OF THE VALIDATION OPERATION

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FIG. 3

WHILE AN XML PROCESSOR PERFORMS A VALIDATION OPERATION ON AN XML-BASED INPUT STREAM, RECEIVING REQUESTS FOR ANNOTATIONS ASSOCIATED WITH ELEMENTS IN AN XML-BASED INPUT STREAM 402

WHILE THE XML PROCESSOR PERFORMS THE VALIDATION OPERATION, AND IN RESPONSE TO THE REQUESTS, CAUSING THE XML PROCESSOR TO GENERATE MESSAGES THAT IDENTIFY THE REQUESTED ANNOTATIONS

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